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Inventor Information for 10/811977

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US 6597846 B1	200307 22	Optical fiber	385/123		Fujii; Takashi et al.
US 6597737 B1	200307 22	Motion determining apparatus, method thereof, and picture information converting apparatus	375/240.12	375/240.13 ; 375/240.14 ; 375/240.15 ; 375/240.16 ; 375/240.17	Kondo; Tetsujiro et al.
US 6592602 B1	200307 15	Balloon dissection apparatus	606/170	600/204; 600/207; 604/103; 604/104; 604/96.01; 604/97.01; 606/190	Peartree; Kenneth A. et al.
US 6574404 B2	200306 03	Chromatic dispersion compensating module and optical transmission system using the same	385/123	385/15	Sasaoka; Eisuke et al.
US 6574397 B2	200306 03	Optical multiplexer/demultip lexer	385/46	385/37	Katayama; Makoto et al.
US 6572408 B2	200306 03	Connector housing having thin-walled portion to facilitate inspection and	439/595	439/744; 439/752	Yamanashi; Makoto et al.

		method of manufacturing the same			
US 6567189 B1	200305 20	Image reading apparatus	358/474	358/497	Takayama; Tsutomu et al.
US 6556755 B2	200304 29	Dispersion-equalizing optical fiber and optical transmission line including the same	385/123	385/127	Tsukitani; Masao et al.
US 6551255 B2	200304 22	Device for biopsy of tumors	600/584		Van Bladel; Kevin H. et al.
US 6546333 B2	200304 08	Car navigation apparatus, traffic information providing apparatus, program recording medium for car navigation apparatus, and program recording medium for traffic information providing apparatus	701/207	340/991; 340/993; 342/357.09; 342/357.1; 701/214	Tanaka; Eiichi et al.
US 6546180 B1	200304 08	Coiled optical assembly and fabricating method for the same	385/135	385/123; 57/204	Koyano; Yasushi et al.
US 6540694 B1	200304 01	Device for biopsy tumors	600/564		Van Bladel; Kevin H. et al.
US 6535677 B1	200303 18	Dispersion-managed optical fiber, method of manufacturing the same, optical communication system including the same and optical fiber preform therefor	385/123	385/126; 385/127	Tanaka; Shigeru et al.
US 6519991 B2	200302 18	Water jet peening apparatus	72/53	134/10; 134/30; 376/249; 376/260;	Hirano; Katsuhiko et al.

				451/39; 451/40	
US 6515426 B1	200302 04	Ion beam processing apparatus and method of operating ion source therefor	315/111.81	250/423R; 313/359.1; 313/362.1; 313/363.1; 315/111.61	Tanaka; Shigeru et al.
US 6512613 B1	200301 28	WDM transmission repeater, WDM transmission system and WDM transmission method	398/97	385/27	Tanaka; Shigeru et al.
US 6483546 B1	200211 19	Picture information converting apparatus, picture information converting method, and television receiver	348/458	348/448	Kondo; Tetsujiro et al.
US 6483545 B1	200211 19	Information signal processing apparatus, picture information converting apparatus, and picture displaying apparatus	348/448	348/458	Kondo; Tetsujiro et al.
US 6477771 B2	200211 12	Terminal crimping method and terminal crimping apparatus	29/882	29/747; 29/751; 29/753; 29/857; 29/874; 29/883	Asakura; Nobuyuki et al.
US 6473546 B2	200210 29	Optical multiplexer/demultip lexer	385/24	385/27; 385/37; 398/43	Katayama; Makoto et al.
US 6451449 B2	200209 17	Terminal material and terminal	428/615	174/74R; 174/84C; 428/646; 428/647; 428/648; 428/674; 428/675; 428/680; 439/865; 439/886	Asakura; Nobuyuki et al.

US 6425276 B1	200207 30	Water jet peening apparatus	72/53	134/10; 134/30; 376/249; 376/260; 451/39; 451/40	Hirano; Katsuhiko et al.
US 6424760 B1	200207 23	Optical multiplexer/demultip lexer	385/24	385/37; 398/87	Katayama; Makoto et al.
US 6421484 B2	200207 16	Optical fiber transmission line and optical cable including the same	385/100	385/123; 385/24	Tanaka; Shigeru et al.
US 6418233 B1	200207 09	Motion determining apparatus and determining method	382/107	348/413.1; 382/236	Kondo; Tetsujiro et al.
US 6415089 B2	200207 02	Optical fiber and optical transmission system including the same	385/123	385/124; 385/125; 385/126; 385/127; 385/128	Kato; Takatoshi et al.
US 6404950 B1	200206 11	Dispersion- compensating module	385/27	385/15; 385/31; 385/37; 398/158	Tsukitani; Masao et al.
US 6394834 B2	200205 28	Insulation displacement contact terminal	439/397	439/395	Fujimoto; Kei et al.
US 6345140 B1	200202 05	Optical fiber	385/123	385/124; 385/126	Sasaoka; Eisuke et al.
US 6345083 B1	200202 05	Preventive maintenance method and apparatus of a structural member in a reactor pressure vessel	376/305	376/249; 376/260; 376/308; 376/316; 72/53; 72/54	Enomoto; Kunio et al.
US 6341151 B1	200201 22	Preventive maintenance method and apparatus of a structural member in a reactor pressure vessel	376/305	376/249; 376/260; 376/261; 376/277; 376/304; 376/310; 376/316; 376/340	Enomoto; Kunio et al.
US	200201	Image forming	347/213	347/217	Tanaka;

6337705 B1	08	apparatus having a compact size			Shigeru et al.
US 6332807 B1	200112 25	Connection structure and connection method between shield electric wire and shield terminal	439/578	174/89	Asakura; Nobuyuki et al.
US 6331765 B1	200112 18	Series compensator	323/210		Yamamoto; Hajime et al.
US 6301419 B1	200110 09	Dispersion-equalizing optical fiber and optical transmission line including the same	385/123	385/127	Tsukitani; Masao et al.
US 6291771 B1	200109 18	Structure and method for connecting covered wires	174/84R	174/78; 29/872	Tanikawa; Satoshi et al.
US 6266467 B1	200107 24	Optical fiber and optical transmission system including the same	385/123	385/127	Kato; Takatoshi et al.
US 6264604 B1	200107 24	Apparatus and method for developing an anatomic space for laparoscopic procedures with laparoscopic visualization	600/207	600/201; 600/204; 604/103.07 ; 606/192	Kieturakis; Maciej J. et al.
US 6247955 B1	200106 19	Half-fitting prevention connector	439/352		Yoshida; Haruki et al.
US 6218619 B1	200104 17	Connecting structure for shielded wire and processing method therefor	174/78		Asakura; Nobuyuki et al.
US 6201833 B1	200103 13	Motion determining apparatus, method thereof, and picture information converting apparatus	375/240.12	348/401.1; 348/699	Kondo; Tetsujiro et al.
US 6190760 B1	200102 20	Biaxially oriented polypropylene film to be metallized a	428/213	428/461; 428/515; 428/516;	Nagai; Itsuo et al.

		metallized biaxially oriented polypropylene film and a laminate formed by using it		428/910	
US 6184471 B1	20010206	Connecting structure and method for a shielded cable	174/78	439/98	Asakura; Nobuyuki et al.
US 6172488 B1	20010109	AC transmission system with reactance compensation	323/207		Mizutani; Mami et al.
US 6171155 B1	20010109	Female electrical terminal with a low insertion force resilient contact member	439/852	439/845	Miwa; Takeya et al.
US 6168608 B1	20010102	Apparatus and method for developing an anatomic space for laparoscopic procedures	606/190	606/192	Echeverry; Jan M. et al.
US 6146183 A	20001114	Lock structure	439/358		Jinno; Keishi et al.
US 6141472 A	20001031	Optical cable and optical cable chamber element	385/105	385/104; 385/114	Ishikawa; Hiroki et al.
US 6123556 A	20000926	Shielded cable connection structure and processing method	439/99	29/828; 29/863; 439/874	Asakura; Nobuyuki et al.
US 6121681 A	20000919	Semiconductor device	257/723	257/636; 257/666; 257/678; 257/687; 257/694; 257/724; 257/784; 257/787; 257/E23.043; 361/728; 361/729; 361/736; 361/737; 361/748;	Tanaka; Shigeru et al.

				361/760; 361/761; 361/777	
US 6106933 A	200008 22	Transparent gas barrier biaxially oriented polypropylene film, a laminate film, and a production method thereof	428/212	427/255.31 ; 428/409; 428/461; 428/516; 428/702	Nagai; Itsuo et al.
US 6094337 A	200007 25	Polypropylene film and capacitor made by using it as a dielectric	361/311		Ueda; Takashi et al.
US 6072124 A	200006 06	Waterproof covered wire connection	174/84R	174/72C; 174/72TR	Kato; Sanae et al.
US 6015421 A	200001 18	Apparatus and method for developing an anatomic space for laparoscopic procedures	606/190	604/96.01; 606/192	Echeverry; Jan M. et al.
US 6004170 A	199912 21	Connection structure of a covered wire with resin encapsulation	439/874	174/84R; 29/872	Kato; Tetsuo et al.
US 5993502 A	199911 30	Sintered metal filters	55/487	419/2; 419/6; 55/523; 55/524; 55/DIG.30	Motoki; Ryutaro et al.
US 5967855 A	199910 19	Connection structure for shield electric cable and method of processing shield electric cable	439/681	439/99	Asakura; Nobuyuki et al.
US 5959252 A	199909 28	Covered wire connection structure	174/84R	29/872	Ide; Tetsuro et al.
US 5956087 A	199909 21	Linear image sensor	348/275	348/315	Takayama; Tsutomu et al.
US 5929384 A	199907 27	Covered wire connection structure	174/84R	174/94R	Ide; Tetsuro et al.
US 5928033 A	199907 27	Waterproof structure for conductor leading part	439/587	174/77R; 29/878	Kato; Tetsuo et al.

US 5925202 A	199907 20	Covered wire connection method and structure	156/73.2	156/73.1; 174/84R	Ide; Tetsuro et al.
US 5925156 A	199907 20	Sintered metal filters	55/487	55/523; 55/525	Motoki; Ryutaro et al.
US 5922993 A	199907 13	Covered wire connection structure	174/84R		Ide; Tetsuro et al.
US 5887686 A	199903 30	Drum brake having a vibration suppression sytem	188/250E	188/73.37	Tanaka; Shinichi et al.
US 5880819 A	199903 09	Photographic film loading method, photographic film conveying apparatus, and image reading apparatus	355/75	226/91; 355/40; 355/66	Tanaka; Shigeru et al.
US 5871379 A	199902 16	Butt terminal of two- part construction	439/824	439/700	Tanaka; Shigeru et al.
US 5843591 A	199812 01	Polymeric metal oxide materials and their formation and use	428/702	428/1.51; 428/209; 428/210; 428/336; 428/337; 428/384; 428/411.1; 428/432; 428/64.4; 428/917	Oishi; Tomoji et al.
US 5808944 A	199809 15	Semiconductor memory device having a defect relief arrangement	365/200	365/185.09 ; 365/236	Yoshitake; Takayuki et al.
US 5808260 A	199809 15	Method of connecting wire materials to connecting terminal	219/56.22	439/874	Asakura; Nobuyuki et al.
US RE35848 E	199807 14	X-ray CT scanner	378/16	378/20; 378/205; 378/98.2	Tanaka; Shigeru
US 5764129 A	199806 09	Ceramic resistor, production method thereof, neutral grounding resistor and circuit breaker	338/22SD	338/20; 338/204; 338/21; 338/22R	Syouji; Moritaka et al.

US 5760830 A	199806 02	Image pick-up device having switching over means, image pick-up means, monitor means, recording means, still picture display means and control means	348/220.1		Kinoshita; Takao et al.
US 5751837 A	199805 12	X-ray CT scanner system having a plurality of x-ray scanner apparatus	382/131	378/165	Watanabe; Naofumi et al.
US 5746292 A	199805 05	Disk brake device for reducing brake noise	188/73.37	188/250E	Tanaka; Shinichi et al.
US 5739496 A	199804 14	Method of connecting a wire to a terminal and an apparatus therefor	219/56.22	219/119; 219/56.1	Asakura; Nobuyuki et al.
US 5737158 A	199804 07	Magnetic head device with tape guide secondary portions molded onto tape guide primary portions of differing material	360/130.21	360/129	Tanaka; Shigeru et al.
US 5732934 A	199803 31	Apparatus for inserting a communication wire through a pipeline by air flow	254/134.4		Sano; Hiroaki et al.
US 5724222 A	199803 03	Biaxially oriented polypropylene film and a capacitor made thereof	361/311	252/567; 264/290.2; 361/314; 361/315; 361/318	Hirano; Takumi et al.
US 5722925 A	199803 03	Electrical female terminal with lock mechanism	600/453		Kameyama; Isao et al.
US 5717890 A	199802 10	Method for processing data by utilizing hierarchical cache memories and processing system with the	711/122		Ichida; Makoto et al.

		hierarchiacal cache memories			
US 5716245 A	199802 10	Female terminal	439/852	439/851	Kameyama; Isao et al.
US 5709895 A	199801 20	Process for producing flavor-containing capsule	426/96	426/103; 426/518; 426/650; 426/661; 426/89	Tanaka; Shigeru et al.
US 5703472 A	199712 30	Voltage regulator of vehicle alternator	322/28	322/36; 322/99	Aoyama; Tooru et al.
US 5694510 A	199712 02	Tub-aggregated optical cable	385/113	174/70A; 385/103; 385/104; 385/109; 385/114	Sano; Hiroaki et al.
US 5661836 A	199708 26	Optical cable and manufacturing method thereof	385/111	385/147	Sano; Hiroaki et al.
US 5660924 A	199708 26	Vacuum heat insulator	442/378	106/672; 252/62; 428/307.7; 428/308.8; 428/311.11 ; 428/312.4; 428/325; 52/404.1; 52/407.1; 52/408; 52/409	Yamaji; Tadao et al.
US 5655187 A	199708 05	Image forming apparatus for preventing discharge products from contacting a photosensitive body	399/172	250/324; 361/225; 399/171	Watanabe; Toshio et al.
US 5643642 A	199707 01	Polymeric metal oxide materials and their formation and use	428/1.6	257/E21.27 1; 257/E23.11 9; 257/E23.12 6; 349/56; 428/336; 428/702	Oishi; Tomoji et al.
US	199706	Winding device	242/332.7	242/532.7	Ohno;

5639039 A	17				Takehisa et al.
US 5633788 A	199705 27	Power converter control system	363/41	363/96	Tanaka; Shigeru et al.
US 5630822 A	199705 20	Laparoscopic tissue removal device	606/114	606/127	Hermann; George D. et al.
US 5614138 A	199703 25	Method of fabricating non-linear resistor	264/616	252/519.52 ; 501/153	Yamada; Seiichi et al.
US 5610570 A	199703 11	Voltage non-linear resistor and fabricating method thereof	338/20	252/519.52 ; 29/610.1; 338/21; 361/128	Yamada; Seiich et al.
US 5607443 A	199703 04	Expansible tunneling apparatus for creating an anatomic working space with laparoscopic observation	606/192	600/207	Kieturakis; Maciej J. et al.
US 5584122 A	199612 17	Waterproof connection method for covered wire with resin encapsulation	29/872	174/84R; 29/868	Kato; Sanae et al.
US 5535085 A	199607 09	Snubber energy recovery circuit for protecting switching devices from voltage and current	361/58	363/50; 363/55	Tanaka; Shigeru et al.
US 5528938 A	199606 25	Method and apparatus for measuring length of conduit and for diagnosing inside of conduit	73/597	324/206; 33/719; 33/757; 33/DIG.2	Sano; Hiroaki et al.
US 5505086 A	199604 09	Method and apparatus for measuring length of conduit and for diagnosing inside of conduit	73/592	324/206; 33/719; 33/757; 33/DIG.2; 73/597	Sano; Hiroaki et al.
US 5504667 A	199604 02	Power conversion system	363/37	363/39	Tanaka; Shigeru et al.

US 5499797 A	199603 19	Method for inserting a communication wire through a pipeline by air flow	254/134.4		Sano; . Hiroaki et al.
US 5477260 A	199512 19	Apparatus for reducing a level difference between image signals	348/257	348/694	Suzuki; Masao et al.
US 5473375 A	199512 05	Electronic still video camera wherein a pre-exposure period is utilized to generate control signals of integrated values of the photoelectrically converted image signal to control both exposure and color balance	348/364	348/224.1; 348/225.1; 348/227.1; 348/228.1	Takayama; Tsutomu et al.
US 5460877 A	199510 24	Polymeric metal oxide materials and their formation and use	428/336	204/157.51 ; 257/E21.24 2; 257/E21.27 1; 257/E23.11 9; 257/E23.12 6; 428/337; 428/702	Oishi; Tomoji et al.
US 5444594 A	199508 22	Snubber energy recovery circuit for protecting switching devices from voltage and current	361/58	363/50; 363/55	Tanaka; Shigeru et al.
US 5434900 A	199507 18	Computed tomography apparatus	378/15	378/207; 378/4; 378/98	Tanaka; Shigeru et al.
US 5424774 A	199506 13	Image sensing apparatus	348/222.1	348/223.1; 348/257; 348/692; 348/97	Takayama; Tsutomu et al.
US 5424555 A	199506 13	Photo film analyzer, and method and system for	250/559.02	355/41	Kimura; Tsutomu et al.

		inspecting photo film			
US 5365158 A	199411 15	Driving control apparatus for induction motor	318/806	318/807; 382/156; 706/23	Tanaka; Shigeru et al.
US 5343201 A	199408 30	A-D converter	341/200	341/138; 341/139; 341/159; 348/655	Takayama; Tsutomu et al.
US 5338233 A	199408 16	Structure for electrically connecting a terminal and a wire	439/877	439/865	Endo; Mitsuo et al.
US 5332165 A	199407 26	Transmission cable termination box, and transmission cable installation and recovering method	254/134.3R	242/556; 242/593; 385/103; 57/18	Sano; Hiroaki et al.
US 5331154 A	199407 19	Rotary encoder for detecting a rotating position of a motor	250/231.17	250/231.14 ; 396/508	Kondo; Kenichi et al.
US 5328155 A	199407 12	Method and apparatus for laying and collecting a wire	254/134.4	254/134.3F T	Sano; Hiroaki et al.
US 5313512 A	199405 17	X-ray tube device with detachable heat exchanger	378/200	378/202	Tanaka; Shigeru
US 5309247 A	199405 03	Image pick-up device	386/117	348/221.1; 348/312; 348/320; 358/909.1	Kinoshita; Takao et al.
US 5283634 A	199402 01	Luminance signal correcting method	348/234	348/254; 348/675	Yamazaki; Yasuyuki et al.
US 5274542 A	199312 28	Control device of neutral point clamped power inverter apparatus	363/96	363/132; 363/136; 363/98	Tanaka; Shigeru et al.
US 5270589 A	199312 14	Input/output buffer circuit for semiconductor integrated circuit	326/68	257/E27.06 2; 326/21; 327/537	Sawada; Kazuhiro et al.
US 5263686 A	199311 23	Method and apparatus for laying and collecting a wire	254/134.4	254/134.3F T	Sano; Hiroaki et al.
US	199311	White balance	348/655	348/223.1	Takayama;

5260774 A	09	control for still image sensing apparatus			Tsutomu
US 5255077 A	19931019	White balance control based upon magnitude of flicker	348/226.1	348/227.1	Yamazaki; Yasuyuki et al.
US 5243552 A	19930907	Coefficient multiplying circuit	708/625	708/319	Asakura; Nobuyuki
US 5239368 A	19930824	High speed color balance adjusting device capable of compensating for a flickering light source	348/226.1		Suzuki; Masao et al.
US 5234556 A	19930810	Polymeric metal oxide materials and their formation and use	204/157.51	257/E21.242; 257/E21.271; 257/E23.119; 257/E23.126; 427/493; 427/512; 427/515; 427/561; 427/567	Oishi; Tomoji et al.
US 5233678 A	19930803	Optical fiber cable including plural multifiber optical units	385/112	385/100; 385/113; 385/114	Katurashima ; Wataru et al.
US 5226064 A	19930706	Computerized tomographic scanning apparatus driven by rechargeable batteries	378/4	378/101; 378/102; 378/103	Yahata; Mitsuru et al.
US 5216796 A	19930608	Method and apparatus for shortening size of slide fastener	29/408	29/770; 83/921	Tanaka; Shigeru et al.
US 5202586 A	19930413	Sample-and-hold circuit	327/95	327/73	Hori; Masashi et al.
US 5168364 A	19921201	Image sensing apparatus	348/230.1	348/368; 358/906	Kondo; Kenichi et al.

US 5163657 A	199211 17	Method and apparatus for laying and collecting a wire	254/134.4		Sano; Hiroaki et al.
US 5143353 A	199209 01	Method for laying optical fiber unit and apparatus therefor	254/134.3F T	254/134.4	Sano; Hiroaki et al.
US 5109456 A	199204 28	Optical fiber unit	385/100		Sano; Hiroaki et al.
US 5103469 A	199204 07	X-ray CT scanner	378/16	378/20; 378/205; 378/98.2	Tanaka; Shigeru
US 5098380 A	199203 24	Method of and apparatus for detecting an occlusion of liquid transfusion tube	604/67	128/DIG.1 3; 604/246	Aizawa; Takeshi et al.
US 5098177 A	199203 24	Optical fiber cable	385/110		Tanaka; Shigeru
US 5089890 A	199202 18	Gamma correction device	348/674	348/678	Takayama; Tsutomu
US 5079706 A	199201 07	Control system for self-propelled working vehicle including vehicle course correction means	701/23	180/168	Yamaguchi; Tetsuo et al.
US 5061356 A	199110 29	Vacuum treatment apparatus and vacuum treatment method	204/192.12	118/730; 204/298.26	Tanaka; Shigeru et al.
US 5031088 A	199107 09	Variable-voltage and variable-frequency power converter	363/71	363/136; 363/96	Tanaka; Shigeru
US 5029001 A	199107 02	NTSC compatible TV signal transmitting system for improving vertical resolution	348/447	348/571; 348/910	Tanaka; Yutaka et al.
US 5010418 A	199104 23	Image pick-up device	386/120	348/221.1; 348/248	Kinoshita; Takao et al.
US 5010390 A	199104 23	Plastic-molded semiconductor device	257/676	257/386; 257/916; 257/E23.14 4	Tanaka; Shigeru
US	199103	Control apparatus	318/800	318/808	Tadakuma;

5003243 A	26	for induction machine			Susumu et al.
US 4995069 A	199102 19	X-ray tube apparatus with protective resistors	378/200	378/101; 378/4	Tanaka; Shigeru
US 4994917 A	199102 19	Image pickup apparatus with pickup time control and variable signal suppression or clipping	348/250	348/243; 348/251; 348/252; 348/296; 348/298	Takayama; Tsutomu
US 4992877 A	199102 12	Image pickup apparatus with supervision of noise level differences between fields	348/243	348/250; 348/251; 348/910	Takayama; Tsutomu
US 4979018 A	199012 18	Semiconductor device with parallel multiplier using at least three wiring layers	708/625	257/758; 708/670	Tanaka; Shigeru
US 4972324 A	199011 20	Semiconductor integrated circuit with an improved macro cell pattern	716/8		Tanaka; Shigeru
US 4958092 A	199009 18	Integrated circuit device having row structure with clock driver at end of each row	327/297	257/E23.14 1; 257/E23.15 1; 257/E23.15 3; 326/93; 327/292; 327/565	Tanaka; Shigeru
US 4930064 A	199005 29	Phase stabilized high frequency link power converter apparatus having a wide phase controllable range	363/161	318/729; 323/207; 323/212	Tanaka; Shigeru et al.
US 4928295 A	199005 22	High-voltage generating device for use with an X-ray tube	378/104	378/111; 378/112; 378/117	Tanaka; Shigeru
US 4922334 A	199005 01	Color filter arrangement for an image pickup device	348/274		Hashimoto; Seiji et al.

		having complementary color elements which overlap at boundaries between picture elements			
US 4914683 A	199004 03	Anode driving apparatus of rotating anode X-ray tube	378/114	378/101; 378/115; 378/117	Tanaka; Shigeru
US 4910606 A	199003 20	Solid state pick-up having particular exposure and read-out control	386/120	348/220.1; 348/221.1; 386/121	Kinoshita; Takao et al.
US 4906872 A	199003 06	Integrated circuit device	327/297	257/E23.15 3; 326/41; 326/93; 716/17	Tanaka; Shigeru
US 4905136 A	199002 27	Power supplying apparatus	363/124	363/24; 363/95	Tanaka; Shigeru
US 4903610 A	199002 27	Railway carrier apparatus for semiconductor wafers	104/118	104/119; 104/96	Matsumoto; Takashi et al.
US 4902325 A	199002 20	Method for producing glass preform for optical fiber	65/424	65/31; 65/32.1; 65/427; 65/900	Kyoto; Michihisa et al.
US 4867629 A	198909 19	Dusttight storage cabinet apparatus for use in clean rooms	414/331.05	211/163; 211/41.18; 414/217; 414/940; 454/187	Iwasawa; Yoshiyuki et al.
US 4843296 A	198906 27	AC motor drive apparatus	318/800	318/801; 363/37	Tanaka; Shigeru
US 4833657 A	198905 23	Semiconductor frame buffer memory	365/230.04	345/564; 365/189.05	Tanaka; Shigeru
US 4833525 A	198905 23	High speed color balance adjusting device capable of compensating for a flickering light source	348/226.1	356/45	Suzuki; Masao et al.
US 4819259 A	198904 04	Rotary anode type x-ray apparatus	378/125	318/806; 318/807; 378/121	Tanaka; Shigeru

US 4797908 A	198901 10	Voltage-resonance type power supply circuit for X-ray tube	378/105	363/28; 378/112; 378/114	Tanaka; Shigeru et al.
US 4791601 A	198812 13	Parallel multiplier with a modified booth algorithm	708/630		Tanaka; Shigeru
US 4777059 A	198810 11	Process for producing vegetable protein foods	426/656	426/104; 426/456; 426/506; 426/802	Tanaka; Shigeru et al.
US 4768078 A	198808 30	Plastic-molded semiconductor device	257/676	257/507; 257/523; 257/E23.14 4	Tanaka; Shigeru
US 4763204 A	198808 09	Solid state image pick-up device having a shutter which is capable of still and motion picture photography	386/120	348/221.1; 358/906	Kinoshita; Takao et al.
US 4760321 A	198807 26	AC motor drive apparatus	318/809	318/729; 363/10; 363/160	Tanaka; Shigeru et al.
US 4754323 A	198806 28	Color image pickup device in which the level of a sequential color-difference signal is controlled on the basis of the level of the luminance signal	348/256	348/624; 386/10	Kaji; Toshio et al.
US 4737179 A	198804 12	Method for producing glass preform for optical fiber	65/415		Tanaka; Gotaro et al.
US 4731057 A	198803 15	Transfusion apparatus	604/153	417/474; 604/67	Tanaka; Shigeru et al.
US 4684766 A	198708 04	High voltage cable assembly having reduced stray capacitance	174/115	174/105SC ; 174/107; 174/36	Tanaka; Shigeru et al.
US 4682232 A	198707 21	Capacitor coupled circuit	348/695	348/207.99	Takayama; Tsutomu et al.

US 4681154 A	198707 21	Heat accumulating material enclosing container and heat accumulating apparatus	165/47	126/618; 126/619; 126/629; 165/10; 165/104.11 ; 47/17; 47/9	Yano; Naomichi et al.
US 4674026 A	198706 16	Delta-connected circulating current cycloconverter apparatus	363/160	318/729; 323/207	Tanaka; Shigeru
US 4673823 A	198706 16	Apparatus for operating cycloconverters in parallel fashion	307/11	307/87; 318/801; 363/10; 363/160	Tanaka; Shigeru
US 4670826 A	198706 02	Control method for cycloconverter and control apparatus therefor	363/10	323/207; 363/161	Tanaka; Shigeru
US 4665354 A	198705 12	Battery voltage regulator for vehicles	320/123	322/28; 322/99; 361/21	Sada; Takeshi et al.
US 4663702 A	198705 05	Power converter apparatus and control method thereof	363/65	363/69	Tanaka; Shigeru
US 4638350 A	198701 20	Color image sensing device	348/224.1	348/229.1	Kato; Tokuzo et al.
US 4614999 A	198609 30	High voltage pulsed power supply with time limiting nonlinear feedback	363/28	363/49; 378/106; 378/110; 378/112	Onodera; Toshihiro et al.
US 4612201 A	198609 16	Method of heating kneaded marine paste products	426/511	426/520; 426/643	Maruyama; Tutomu et al.
US 4603753 A	198608 05	Automatic running work vehicle	180/401	180/168; 56/10.2R; 56/DIG.15	Yoshimura; Shingo et al.
US 4603354 A	198607 29	Image pickup device	348/220.1	348/222.1; 348/321	Hashimoto; Seiji et al.
US 4599657 A	198607 08	Image pick-up device	386/117	348/248; 348/363; 358/906	Kaji; Toshio et al.
US 4593635 A	198606 10	Method and apparatus for sewing	112/475.16	112/104; 112/114;	Boser; Ronald J. et

		a slide fastener to fabric pieces		112/152; 112/305	al.
US 4573674 A	198603 04	Device for delivery of paper sheets for an apparatus for counting the number of paper sheets	271/118	271/119	Nogi; Hiroyoshi et al.
US 4573547 A	198603 04	Automatic running work vehicle	180/168	180/401; 180/422; 250/202; 56/10.2A	Yoshimura; Shingo et al.
US 4573184 A	198602 25	Heating circuit for a filament of an X-ray tube	378/110	363/28; 378/105	Tanaka; Shigeru et al.
US 4572973 A	198602 25	AC Current detection circuit for a rotor driving supply source of a rotating anode X-ray tube	327/78	327/190	Tanaka; Shigeru
US 4570214 A	198602 11	Reactive power control cycloconverter	363/160	318/729; 323/207	Tanaka; Shigeru
US 4565242 A	198601 21	Heat accumulating material enclosing container and heat accumulating apparatus	165/10	126/618; 126/619; 165/104.11	Yano; Naomichi et al.
US 4556212 A	198512 03	Stacker for paper sheet counting apparatus	271/315	271/187	Nogi; Hiroyoshi et al.
US 4549391 A	198510 29	Wire-like structure twisting machine	57/13	57/102; 57/15; 57/59	Toda; Yuichi et al.
US 4545453 A	198510 08	Automatic running work vehicle	180/401	56/10.2A; 56/DIG.15	Yoshimura; Shingo et al.
US 4529925 A	198507 16	Reactive power compensating cycloconverter	323/207	323/211; 363/161	Tanaka; Shigeru et al.
US 4520495 A	198505 28	Failure detection circuit for an X-ray tube	378/117	315/107; 361/87	Tanaka; Shigeru
US 4491386 A	198501 01	Optical fiber cable and process for production thereof	385/109	385/110	Negishi; Yukiyasu et al.
US	198311	Method and	363/10	323/207;	Tanaka;

4418380 A	29	apparatus for controlling the circulating current of a cycloconverter		363/161	Shigeru et al.
US 4398569 A	198308 16	Device for supporting a heald frame in a weaving loom	139/88	24/698.1; 248/340	Suzuki; Hajime et al.
US 4365076 A	198212 21	Process for the preparation of cycloalkylidenemethylphenylacetic acid derivatives	560/51	562/459	Terada; Atsusuke et al.
US 4351520 A	198209 28	Stacker apparatus for a card counting machine	271/315	271/178; 271/187	Tanaka; Shigeru
US 4336487 A	198206 22	Generation control apparatus for vehicle generators	322/99	322/28	Tanaka; Shigeru et al.
US 4306184 A	198112 15	Generation control apparatus for vehicle generators	322/99	322/28; 361/20	Iwaki; Katsutaro et al.
US 4254274 A	198103 03	Cycloalkylidenemethylphenylacetic acid derivatives and process for the preparation thereof	560/51	560/35; 562/459	Terada; Atsusuke et al.
US 4077936 A	197803 07	Liquid suspending medium for electrophoretic image display/and or recording device	523/208	106/287.1; 106/31.28; 106/31.85; 106/311; 524/462	Tanaka; Shigeru et al.
US 3942085 A	197603 02	Control apparatus of DC motors	388/829	388/921	Tadakuma; Susumu et al.
US 3584280 A	197106 08	TRANSISTOR MOTOR APPARATUS INCLUDING CURRENT ATTENUATION MEANS	318/254	318/138	Inagaki; Junpei et al.